【書類名】

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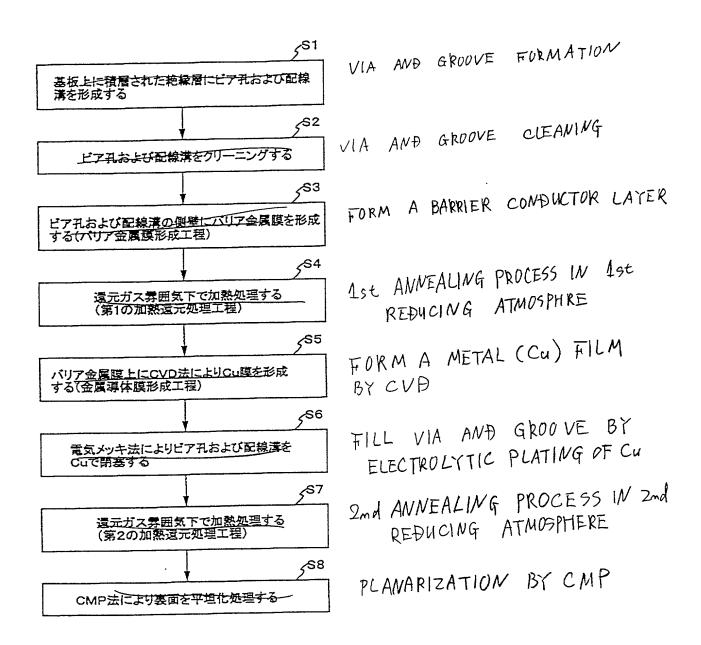
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mil that had

図面

【図1】

FIG 1

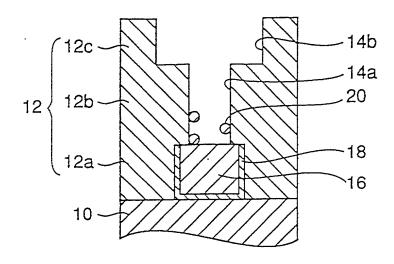


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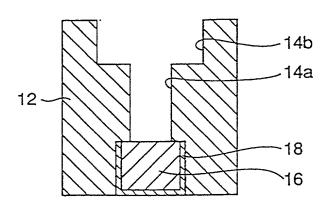
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[図2]

F162



[83] FIG3



[図4]

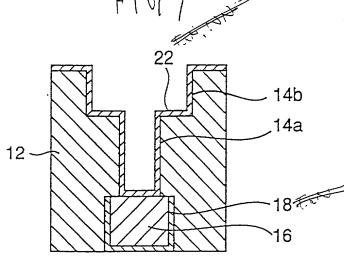
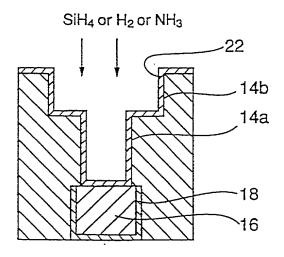
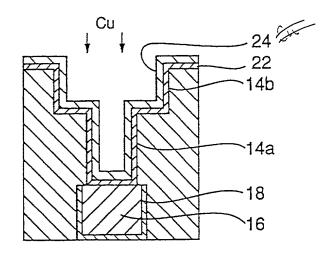
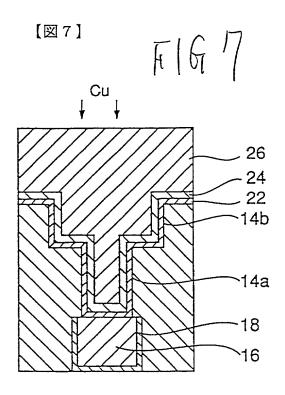


FIG5 [図5]



【図6】





[図8]

The state of the court from the first field of the field

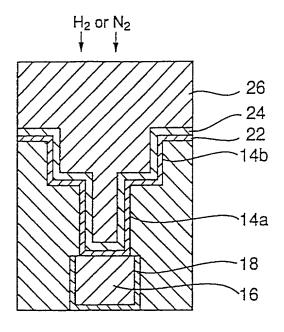
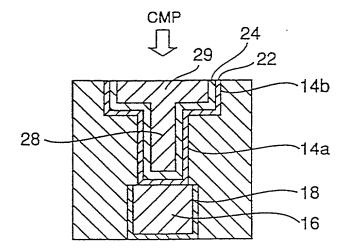


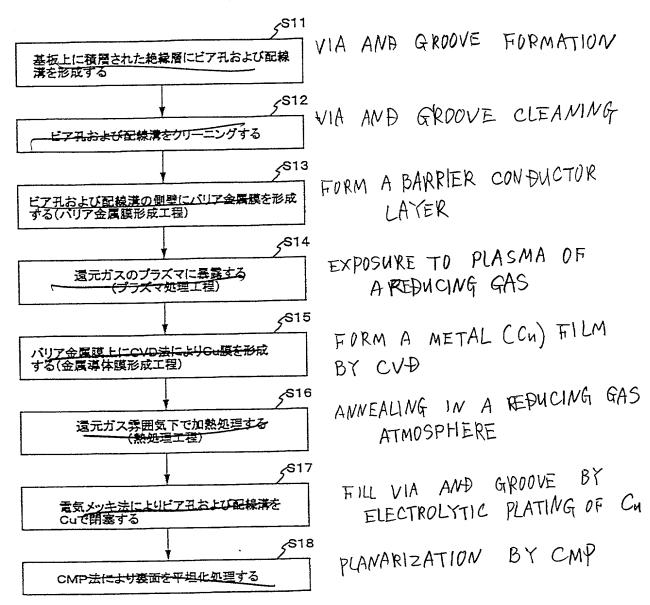
FIG 9 [図9]



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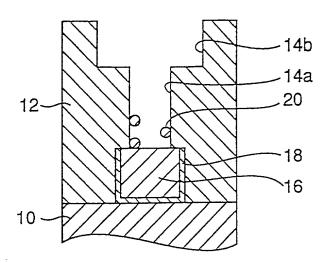
【図10】

FIG/0



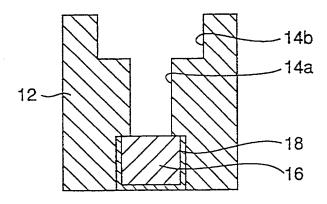
[図11]

FIGII

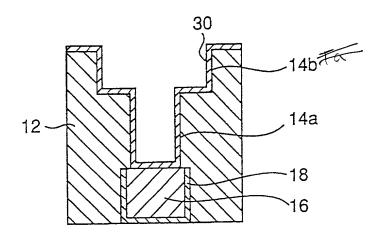


[図12]

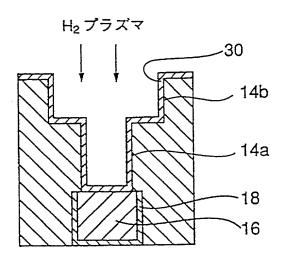
F1912



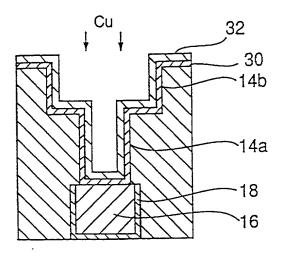
[813] FIG 13



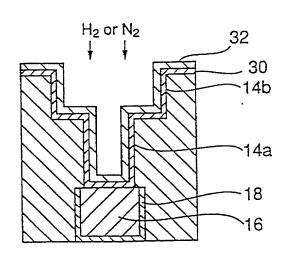
[X14] FIGI4



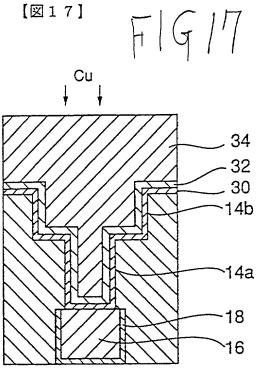
[X15] FIG15

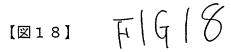


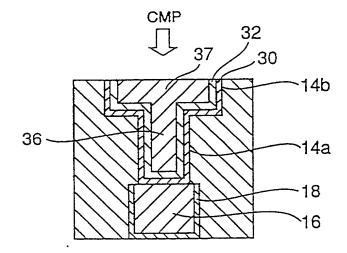
[\(\text{16}\)] \(\frac{1}{6}\)



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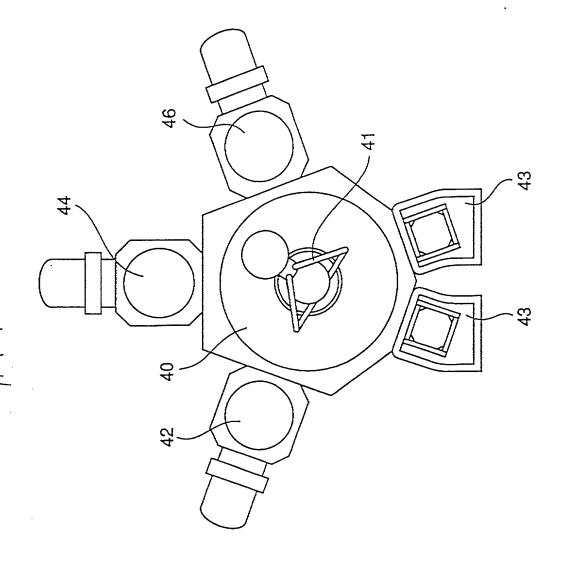




STRENGTH TEST (MRA)	【表 1	1						• • .			<u>. </u>		
STRENG TEST	当 が (MPt)	68	74	69	64	75	31	44	1	I	1	69	
TAPE TEST	7- 7-27-	0	0	0	0	0	×	×	×	×	×	0	
***************************************	鉄処理の 調売(性ガス	1				}-		-1-		•	ı	ı	
TAL 1st ANVEAL 2nd ANVEAL PLASMA &	プラスヌの理め原料	1	***	[-	H,	1	1	Ī	1	l	l	
	第2の遠元 処理の 選売性ガス	H ₂	H,	H ₂	H,	1	Ĭ	H,	I	1	I	H ₂	
15t ANNEAL	第1の遺元 処理の 遠元性ガス	NH3	SiH	H ₂	SiH	1	1	I	NH3	SiH4	H,		
METAL FILM	金属讲体膜材料	Cu(CVD)	Cu(CVD)	Cu(CVD)	Cu(CVD)	Cu(CVD)	Cu(CVD)	Cu(CVD)	(GAD)no	cu(cvb)	Cu(CVD)	Cu(PVD) +Cu(CVD)	
BARRIER COMPUCTOR	公子会院及	TaN(PVD)	TaN(PVD)	TaN(PVD)	WN(CVD)	WN(CVD)	TaN(PVD)	TaN(PVD)	TaN(PVD)	TaN(PVD)	TaN(PVD)	TaN(PVD)	
	2 \	米特金1	所X 附籍 查2	米書室3	州东京水水	米特色5	日本本本	比較例2	11.15 PM	比較例4	お教徒の	松岩金	

ここで、バリア金属膜等を形成するベースとなる基板10はいずれもSiウェ ハであり、金属導体膜は特に断らない限りすべてCVD法により形成したCu膜 である。実施例 $1\sim4$ は前記本実施の形態の第1 の例に対応するものであり、表 [図19]

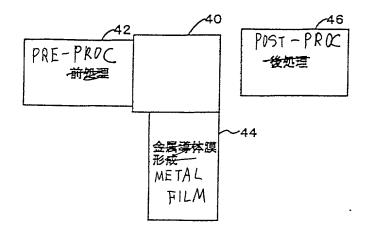
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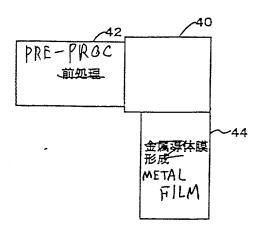
頁: 12/ 13

【図20】

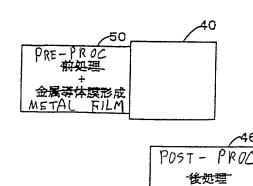
FIG2



F1922 [図21]

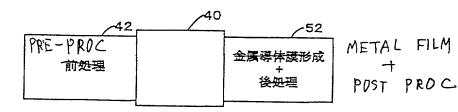


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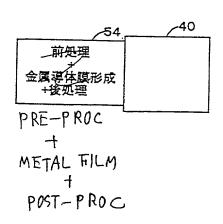


[図23]

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[124] FIG25



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